

Floods Caused by Tropical Systems: Opequon Creek near Martinsburg

Latitude: 39.424

Period of Record: 1936-Present

Longitude: -77.939

Flood Stage: 10 ft

Last Flood: 2/4/2016

Number of Floods: 143

Date of Crest	Crest (ft)	Streamflow (cfs)	Remarks
6/22/1972	17.45	19,000	Hurricane Agnes made landfall again over southeastern New York on June 22 and moved westward into Pennsylvania. Rainfall totals from June 20-25 range from 2-3 inches in the Upper Potomac to 18 inches near Shamokin, Pennsylvania.
9/7/1996	15.06	11,700	Hurricane Fran produced up to 16 inches of rain in the western part of Virginia and up to 7 inches in the Juniata Basin in Pennsylvania. Fran was the worst flood even to hit Maryland since Hurricane Hazel and the January 1996 Flood.
9/25/1975	14.15	9,460	The remnants of Hurricane Eloise combined with a cold front and produced very heavy rainfall in the Mid-Atlantic. Washington, D.C. reported 9.08" of rainfall. Total damage for Virginia was estimated to be \$17.2 million.
10/13/1990	14.07	9,270	Moisture of Tropical Storm Marco, Tropical Storm Klaus and a frontal boundary produced copious rainfall amounts.
10/30/2012	13.46	6,390	Hurricane Sandy moved across NJ through PA producing 3 to 7 inches of rain with locally higher amounts in areas that saw flooding. The hurricane rapidly lost its tropical characteristics as it moved northwest.
9/9/2004	13.21	6,980	The remnants of Hurricane Frances combined with a low pressure system and produced heavy rain throughout the Mid-Atlantic. Rainfall totals ranged from 2 - 3 inches in New Jersey to 2.5 - 6 inches in Central Pennsylvania.
8/19/1955	11.92	4,900	Hurricane Diane made landfall 5 days after Hurricane Connie. Hurricane Diane produced several inches of rain with locally heavier amounts of 10 to 20 inches.
9/1/1952	11.65	4,700	Remnants of Hurricane Able produced up to 2.00 inches of rainfall across the region.

Drainage Area: 273 sq mi

Tropical information before 1940 is limited.

County of Gage: Berkeley

Gage Datum: 354.33 ft MSL

Potomac Basin

County of Forecast Point: Berkeley

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Date of Crest	Crest (ft)	Streamflow (cfs)	Remarks
8/13/1955	11.13	3,700	Hurricane Connie produced 4 to 8 inches of rainfall across the Mid-Atlantic region, with locally heavier amounts exceeding 10 inches.
8/18/1994	10.91	3,570	Remnants of Tropical Storm Beryl produced 2-5 inches of rain across Pennsylvania, Virginia and West Virginia.
9/20/2003	10.36	-9,999	Hurricane Isabel combined with another system and produced more than 3 inches of rain in VA with locally heavier amounts of 10 inches. Another low pressure system moved through the region and produced a few additional inches of rain.

Drainage Area: 273 sq mi
Gage Datum: 354.33 ft MSL

Tropical information before 1940 is limited.
Potomac Basin

County of Gage: Berkeley
County of Forecast Point: Berkeley